

IN THE SPECIFICATION

Please amend the following paragraphs of the published application as indicated below:

[0004] Further, the transmission signal generator 1 and the transmission signal controller 2 correspond to PLC•PHY block [[201C]] 201B of the main IC 201 and AFE•IC 202 shown in FIG. 3. The transmitter 3 corresponds to the low pass filter 14, the driver IC 15 and the coupler 206 shown in FIG. 3. The radiation power detector 4 corresponds to AMP•IC 208, the band pass filter 21, and ADC•IC 22 shown in FIG. 3.